Upgrade Legacy Guns to ATMOS

105mm, 122mm, 130mm, 152mm, 155mm truck-mounted howitzer for increased mobility and enhanced firing capabilities

Elbit Systems™ Land

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Elbit Systems' ATMOS is a truck-mounted howitzer that offers the advantages of superior fire power of your legacy guns with enhanced mobility and rapid response time. Highly adaptable, the modular ATMOS system is compatible with any 6x6 or 8x8 high-mobility tactical truck. ATMOS supplies fire support for all types of missions and can be easily interfaced with customers' existing C^4I systems.

Part of Elbit Systems' line of fully integrated, modular artillery solutions, ATMOS incorporates an embedded electronic suite and automatic laying system. The advanced electronic suite effectively enables accurate navigation and autonomous operation, reduced crew size, increased fire power and high precision accuracy.

Flexible platform configurations

The ATMOS can be mounted on any adapted high-mobility 6x6 or 8x8 truck chassis preferred by the customer. The protected cabin of the ATMOS is designed for a crew of 5-6 personnel, a driver, a commander, and an additional three to four crew members along with all personal equipment and small arms. The cabin is equipped with an air conditioning system that is capable of both heating and cooling. The concept behind the ATMOS can be applied for the modernization of legacy towed guns, incorporating advanced new technologies like INS, MVR, ballistic computers, C^4I, hydraulics and electrical drives.

Maintenance Center & Transfer of Technology

Establishment of a Maintenance Center as a part of Transfer of Technology (ToT) provides the methods, techniques and infrastructure to enable comprehensive modifications to existing guns.

Superior firepower capabilities

The ATMOS achieves the same ranges with the existing ammunition.

Designed specifically for rapid deployment and operation on difficult terrain, the ATMOS shoot-and-scoot capabilities are supported by an integrated electronic suite incorporating an INS-based laying system, that reduces crew effort.

The ATMOS has on-board containers store with a minimum of 18 rounds, including projectiles, propellants and fuzes.

Battle-proven and fully operational

The upgrade allows the customer to use battle proven guns with the same spare parts and existing ammunition.

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Key Benefits

- Modernization of the Legacy Guns to 21ST century
- Rapid deployment with high tactical mobility and rapid response time
- Available with any 6x6 or 8x8 in-service truck
- Integrated with a complete electronic suite
- Integrated with command and control system at all levels
- Protected and armored crew cabin
- Integrated logistic support and all-level maintenance program
- Low life-cycle cost
- Establishment of Maintenance Center
- Transfer of Technology
- Full C4I Network capabilities

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E-mail: land@elbitsystems.com www.elbitsystems.com

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